

Application No.: 09/390,435

Docket 6479

wherein each of the connectors is connected to one of the first and second walls, such that prior to placement of the block unit in a wall structure the first and second walls are securely positioned with respect to one another as opposite faces of a discrete, substantially rectangular block, each face having a face area;

wherein the connective structure is free of direct, structural connection to any wall of any adjacent block unit when the block unit is in a wall structure; and

wherein the connective structure comprises arms supporting the at least two connectors and said arms provide a thermal conduction path of limited vertical cross-sectional area relative to either wall face area.

17. (Twice Amended) A connective structure for forming a discrete, preassembled, composite block unit for independent placement as a unit with other laterally and vertically adjacent units to form a wall structure, each block unit having a first wall and a second wall, each with a face area and at least one of which is load-bearing for vertical loads, comprising:

a plurality of elements forming arms and connectors for connecting the connective structure between the first wall and the second wall;

wherein the connective structure is free of direct, structural connection to any wall of any adjacent block unit when the block unit is in a wall structure; and

wherein the connective structure comprises at least one arm extending between the first and second walls and supporting at its opposed ends connectors and said arm provides a thermal conduction path of limited vertical cross-sectional area relative to either face area.

Application No.: 09/390,435

Docket 6479

35. (Twice Amended) A discrete block unit for independent placement as a unit with other laterally and vertically adjacent units to form a wall structure comprising:

a first wall and a second wall, at least one of which is made from a masonry material and capable of vertical load bearing and each of which has a connector formation and a vertical face area;

a connective structure of non-masonry material positioned and connected between the first and second walls, said connective structure having at least one connector that engages the connector formation at the first wall and at least one connector that engages the connector formation at the second wall;

wherein the connective structure is free of direct, structural connection to any wall of any adjacent block unit when the block unit is in a wall structure; and

wherein the connective structure comprises arms supporting at least two connectors and said arms provide a thermal conduction path of limited vertical cross-sectional area relative to either wall face area.